

09/270006

Attorney Docket No. 017753-113 Patent 017753-113

0010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of

Jean-Pierre Robin et al.

Patent No.: 6,831,180

Issued: December 14, 2004

Title: NOVEL CEPHALOTAXANE DERIVATIVES AND PROCESS FOR THEIR PREPARATION

REQUEST FOR CERTIFICATE OF CORRECTION

Certificate
NOV 04 2005
of Correction

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Issuance of a Certificate of Correction for the above-captioned patent is respectfully requested in accordance with the accompanying Form PTO-1050 (submitted in duplicate).

- ☒ The requisite Government fee of \$100.00 (1811)
- ☒ Is submitted herewith.
- ☐ Is authorized to be charged to Deposit Account No. 02-4800.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.
- ☐ It is believed that payment of a fee is unnecessary.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.20(a) that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

11/01/2005 SZEWDIE1 00000027 6831180

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100.00 00P

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

Date: October 31, 2005

Respectfully submitted,

BUCHANAN INGERSOLL PC

By Kim E. Choate

Kim E. Choate

Registration No. 57,102

Buchanan Ingersoll PC

ATTORNEYS

Including attorneys from Burns Doane Swecker & Mathis

(8/05)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of

Jean-Pierre Robin et al.

Patent No.: 6,831,180

Issued: December 14, 2004

Title: NOVEL CEPHALOTAXANE DERIVATIVES AND PROCESS FOR THEIR PREPARATION

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Date: October 31, 2005

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Registration No. 57,102

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

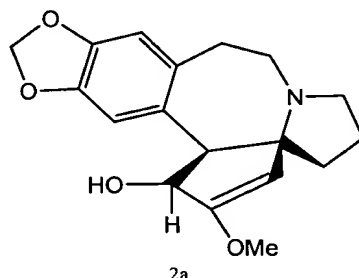
Page 1 of 38

PATENT NO. : 6,831,180 *71*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

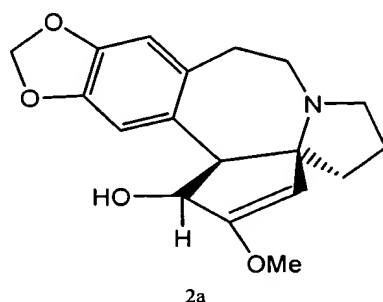
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION

In column 5, lines 23-30, please replace the following structure:



with



MAILING ADDRESS OF SENDER (Please do not use customer number below):

BUCHANAN INGERSOLL PC
(including attorneys from Burns Doane Swecker & Mathis)
P.O. Box 1404
Alexandria, Virginia 22313-1404

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

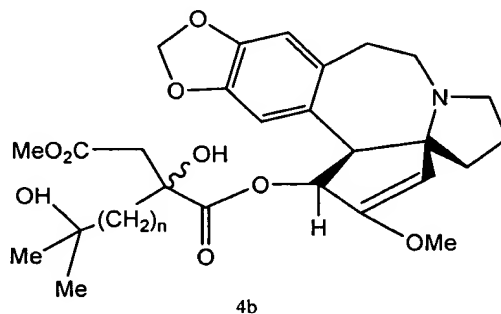
Page 2 of 38

PATENT NO. : 6,831,180 *β*1
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

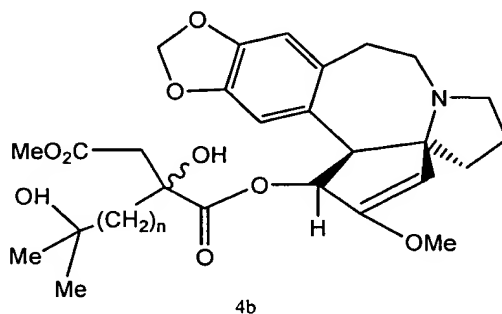
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 5, lines 31-41, please replace the following structure:



with



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P.O. Box 1404

Alexandria, Virginia 22313-1404

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UNITED STATES PATENT AND TRADEMARK OFFICE
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Page 3 of 38

PATENT NO. : 6,831,180 *B1*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

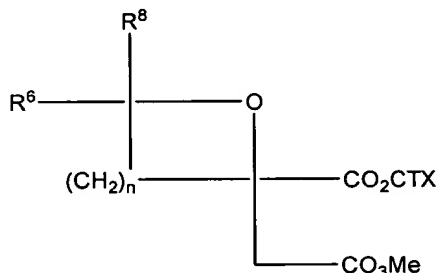
SPECIFICATION (continued)

In column 6, line 38, please delete the word "is";

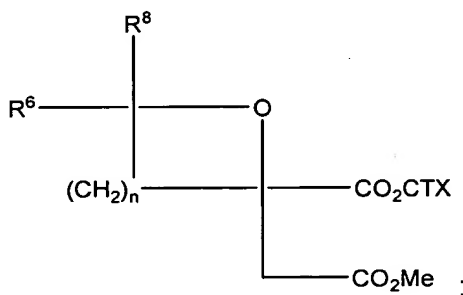
In column 7, line 57, please delete the word "is";

In column 8, line 12, please replace "xacycloalkane" with --oxacycloalkane--;

In column 12, lines 1-8, please replace the following structure:



with



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Alexandria, Virginia 22313-1404

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 4 of 38

PATENT NO. : 6,831,180 *71*
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

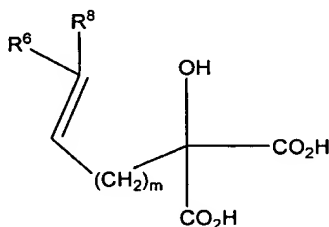
SPECIFICATION (continued)

In column 18, line 40, please replace "31" with --3j--;

In column 19, line 20, please replace "cydic" with--cyclic--;

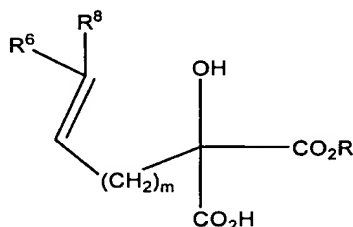
In column 19, line 44, please replace "31" with --3i--;

In column 20, lines 1-7, please replace the following structure:



3u

with



3u

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Page 5 of 38

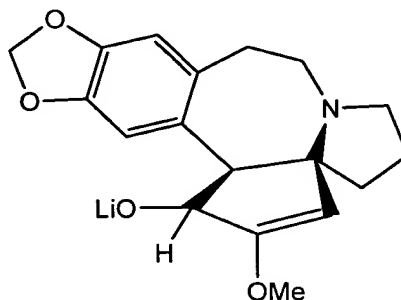
PATENT NO. : 6,831,180 ³¹
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

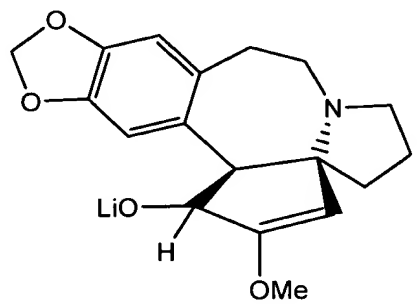
SPECIFICATION (continued)

In column 21, line 15, please replace "3q" with --3g--;

In column 29, lines 45-53, please replace the following structure:



with



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CERTIFICATE OF CORRECTION

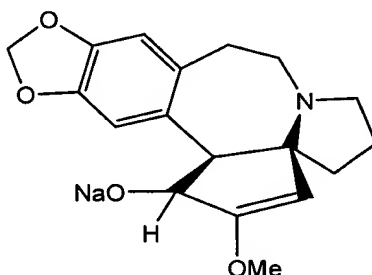
Page 6 of 38

PATENT NO. : 6,831,180 ^{b1}
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

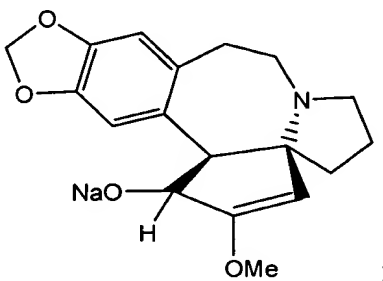
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 29, lines 57-63, please replace the following structure:



with



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Alexandria, Virginia 22313-1404

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

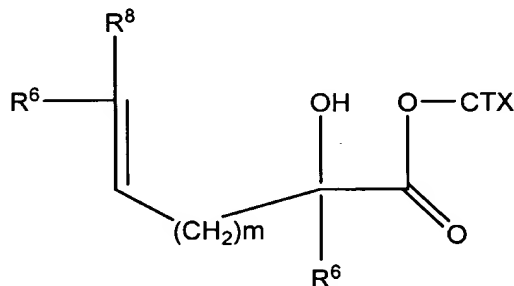
Page 7 of 38

PATENT NO. : 6,831,180 *01*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

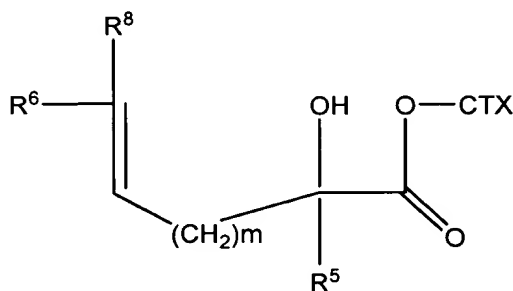
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SPECIFICATION (continued)

In column 30, lines 35-42, please replace the following structure:



with



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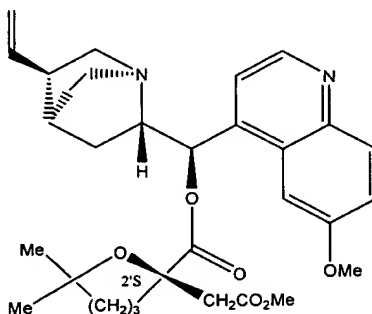
Page 8 of 38

PATENT NO. : 6,831,180 ^{B1}
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

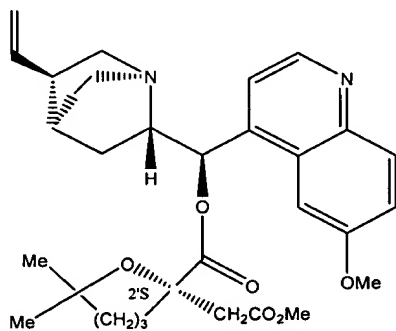
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SPECIFICATION (continued)

In column 36, lines 50-61, please replace the following structure:



with



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Alexandria, Virginia 22313-1404

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Page 9 of 38

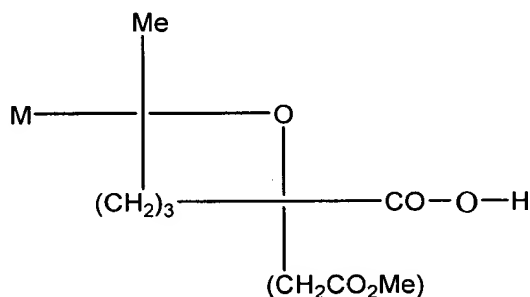
PATENT NO. : 6,831,180 *B1*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

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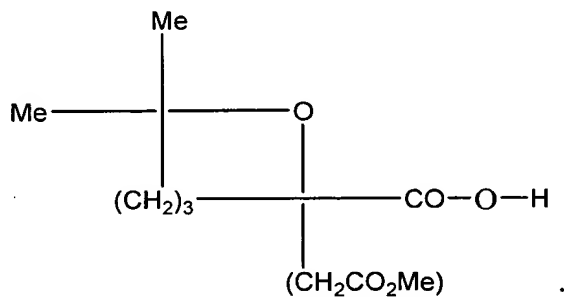
SPECIFICATION (continued)

In column 37, line 29, please replace "homoherringtonate" with --homoharringtonate--;

In column 40, lines 43-48, please replace the following structure:



with



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Page 10 of 38

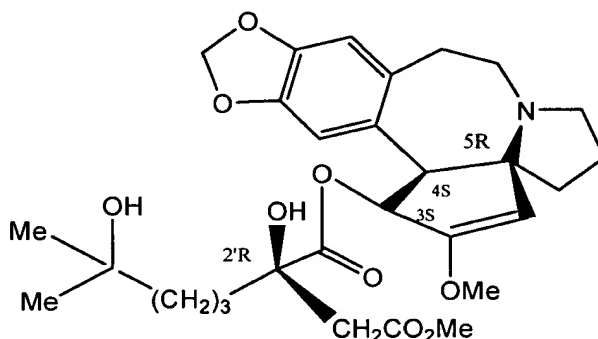
PATENT NO. : 6,831,180 *131*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

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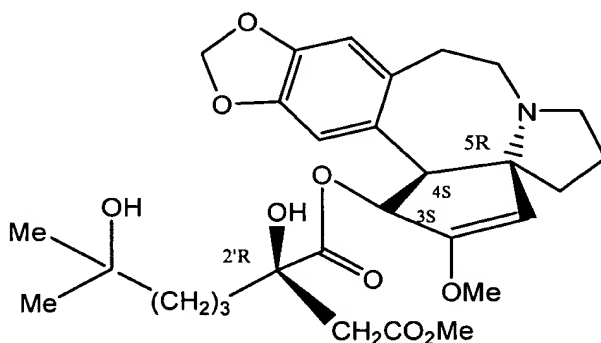
SPECIFICATION (continued)

In column 43, line 38, please replace "O—CO—A" with -- Ω —CO—A --;

In column 45, lines 1-10, please replace the following structure:



with



MAILING ADDRESS OF SENDER (Please do not use customer number below):

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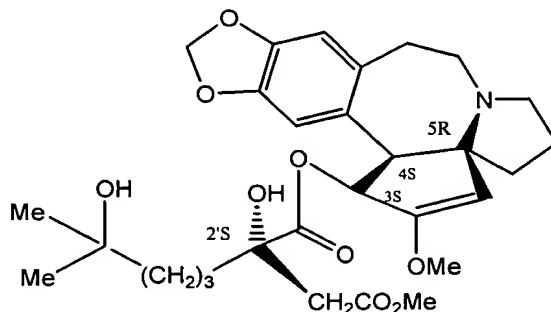
Page 11 of 38

PATENT NO. : 6,831,180 *91*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

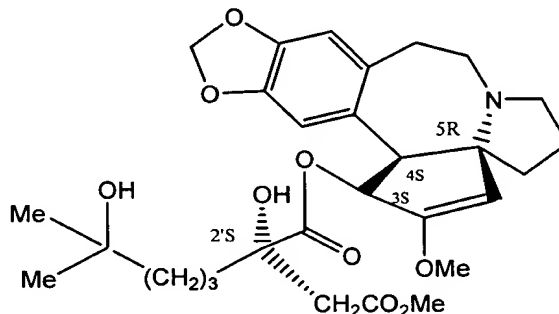
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SPECIFICATION (continued)

In column 45, lines 19-28, please replace the following structure:



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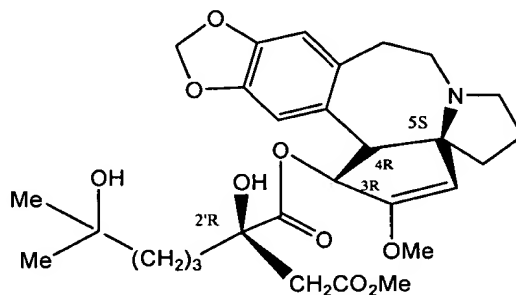
Page 12 of 38

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APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

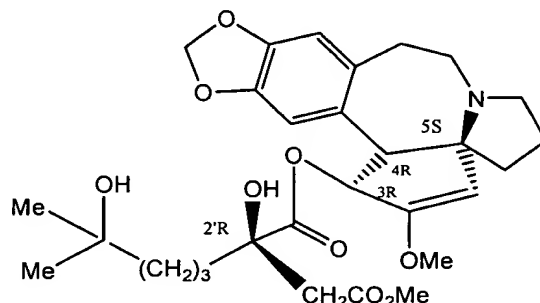
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 45, lines 38-46, please replace the following structure:



with



MAILING ADDRESS OF SENDER (Please do not use customer number below):

BUCHANAN INGERSOLL PC
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P.O. Box 1404
Alexandria, Virginia 22313-1404

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 13 of 38

PATENT NO. : 6,831,180 *bl*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 46, line 47, please replace "Harrinattonines:" with --Harringtonines--;
In column 46, line 60, please replace "in a position" with --in a position--;
In column 54, line 43, please replace "J₄₋₃=9.6, H4" with -- J₄₋₃=9.6, H-4--;
In column 55, line 5, please replace "aarboxylate" with --carboxylate--;
In column 56, line 2, please replace "silica (14-40 μ m)" with --silica (15-40 μ m)--;
In column 57, line 11, please replace "aarboxylate" with --carboxylate--;

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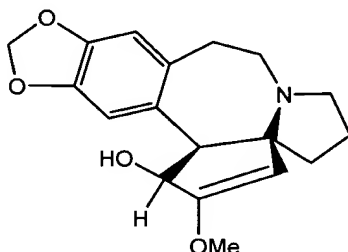
Page 14 of 38

PATENT NO. : 6,831,180 *B1*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

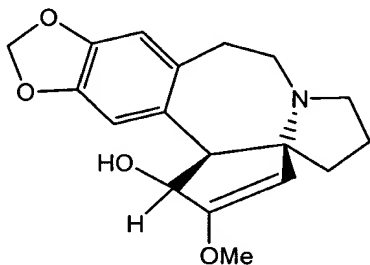
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 58, lines 5-12, please replace the following structure:



with



In column 58, line 45, please replace "on S trituration" with --on trituration--;

In column 62, line 21, please replace "1-dicyclohexylcarbodiimide" with --1,3-dicyclohexylcarbodiimide--;

In column 62, line 57, please replace "buffer J acetonitrile" with --buffer / acetonitrile--;

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

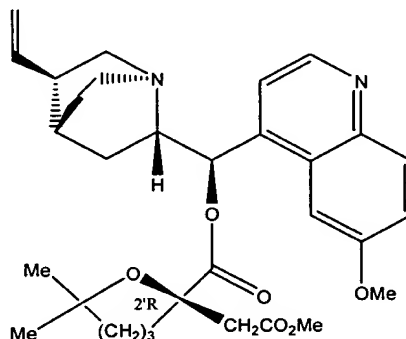
Page 15 of 38

PATENT NO. : 6,831,180 **B1**
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

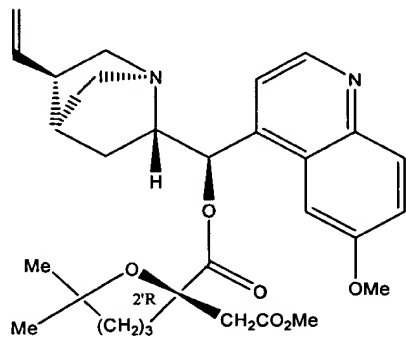
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 63, lines 4-15, please replace the following structure:



with



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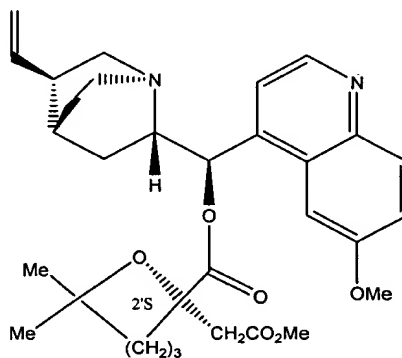
Page 16 of 38

PATENT NO. : 6,831,180 *B1*
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

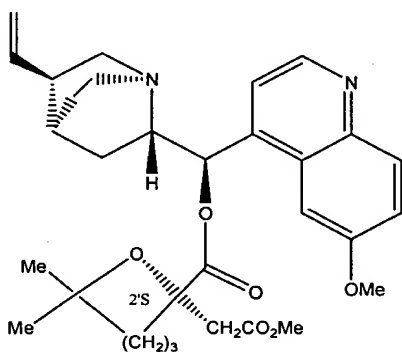
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 63, lines 27-38, please replace the following structure:



with



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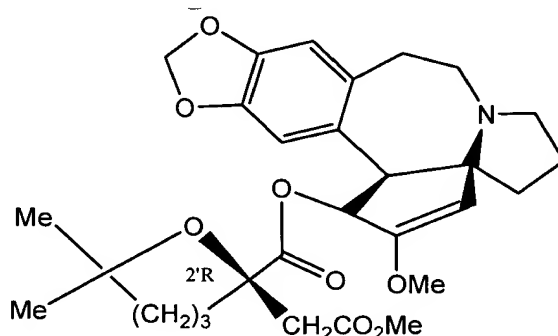
Page 17 of 38

PATENT NO. : 6,831,180 *B1*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

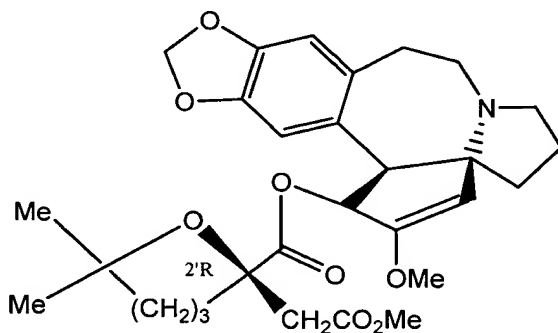
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 66, lines 6-15, please replace the following structure:



with



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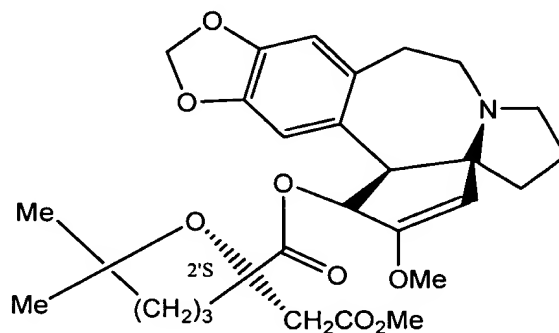
Page 18 of 38

PATENT NO. : 6,831,180 *B1*
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

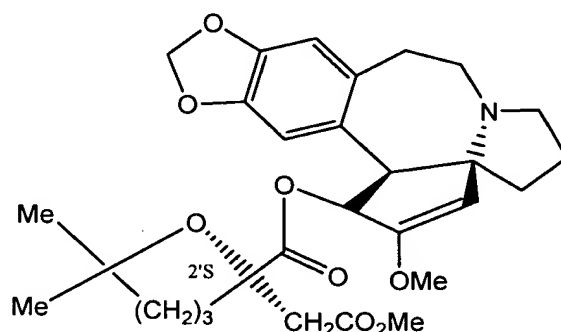
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 66, lines 55-63, please replace the following structure:



with



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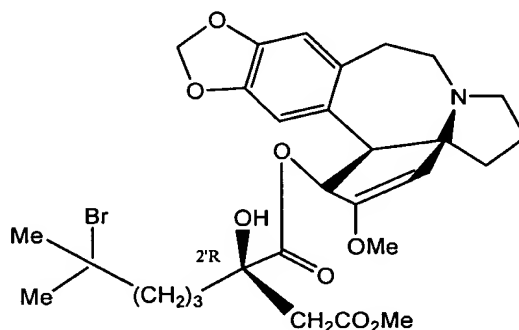
Page 19 of 38

PATENT NO. : 6,831,180 *131*
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

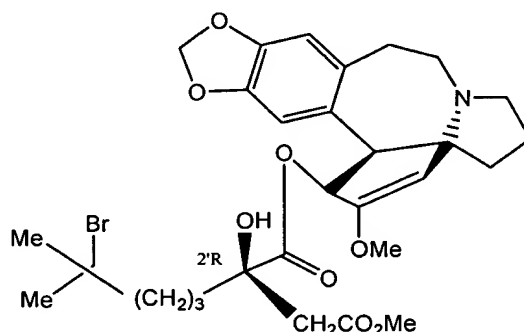
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 67, lines 35-45, please replace the following structure:



with



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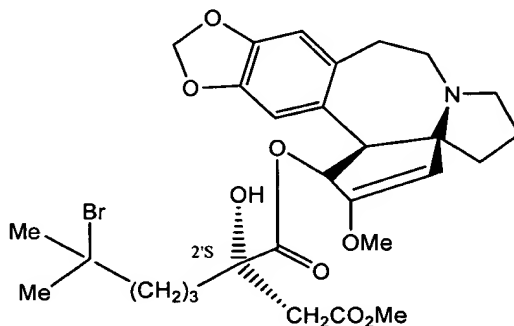
Page 20 of 38

PATENT NO. : 6,831,180 *B1*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

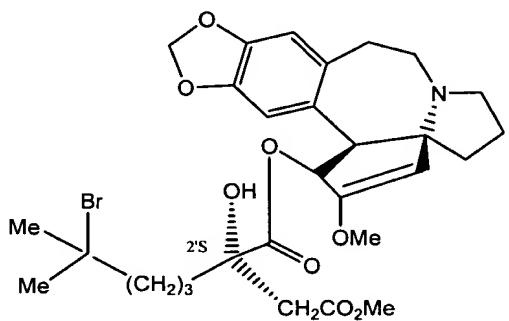
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 68, lines 10-18, please replace the following structure:



with



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UNITED STATES PATENT AND TRADEMARK OFFICE
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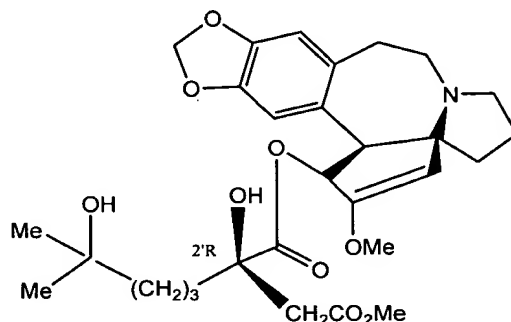
Page 21 of 38

PATENT NO. : 6,831,180 *B1*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

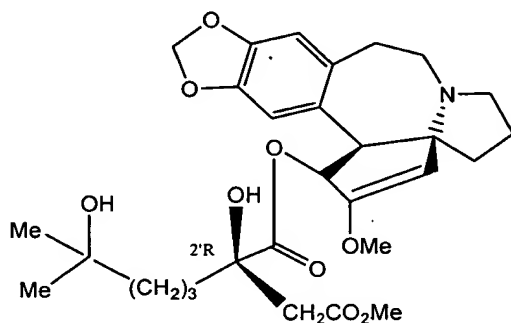
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 68, lines 52-61, please replace the following structure:



with



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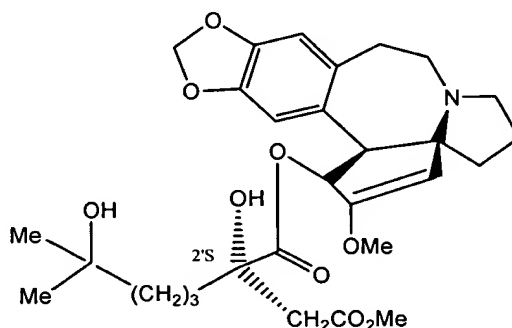
Page 22 of 38

PATENT NO. : 6,831,180 *B1*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

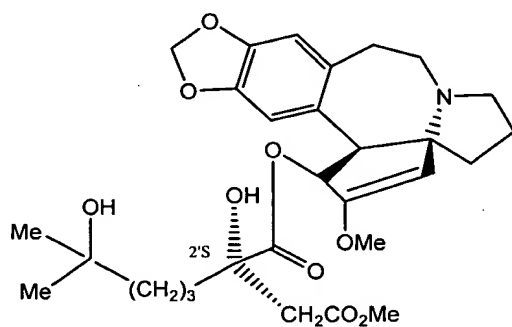
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 69, lines 49-58, please replace the following structure:



with



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CERTIFICATE OF CORRECTION

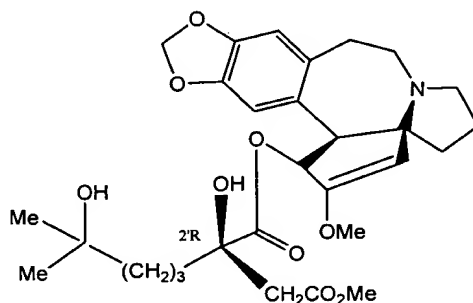
Page 23 of 38

PATENT NO. : 6,831,180 **B1**
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

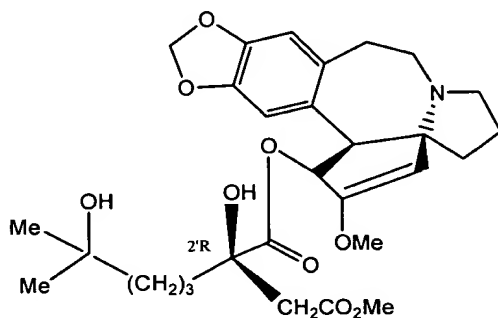
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 71, lines 8-17, please replace the following structure for homoharringtonine:



with



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CERTIFICATE OF CORRECTION

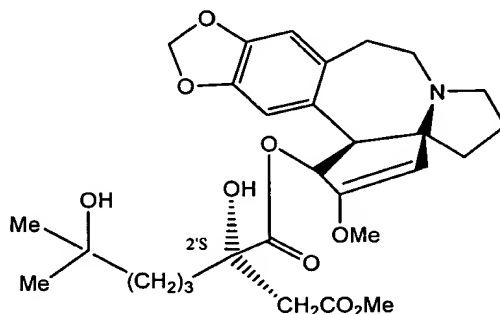
Page 24 of 38

PATENT NO. : 6,831,180 *71*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

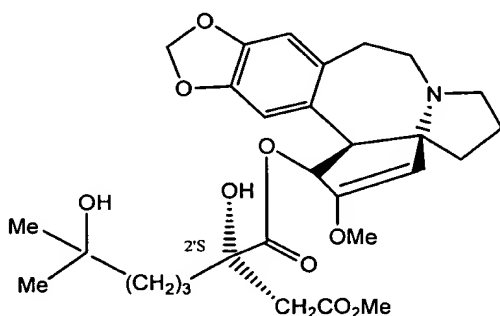
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 71, lines 19-28, please replace the following structure for *epi*-homoharrintonine:



with



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Alexandria, Virginia 22313-1404

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Page 25 of 38

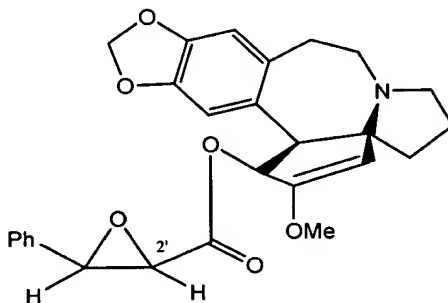
PATENT NO. : 6,831,180 *bl*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

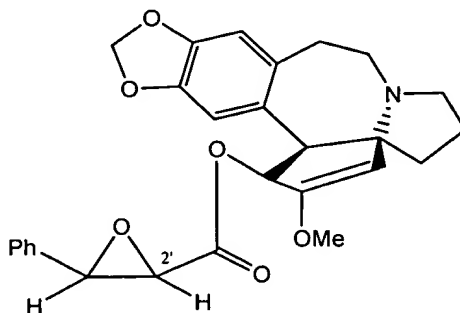
SPECIFICATION (continued)

In column 72, line 9, please replace "ceohalotaxine" with --cephalotaxine--;

In column 72, lines 11-19, please replace the following structure:



with



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(including attorneys from Burns Doane Swecker & Mathis)
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Alexandria, Virginia 22313-1404

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Page 26 of 38

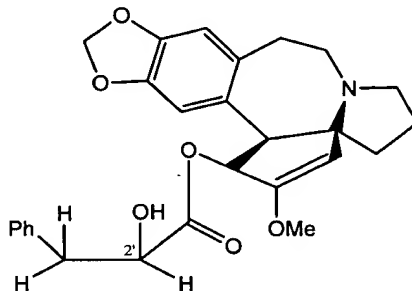
PATENT NO. : 6,831,180 *B1*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

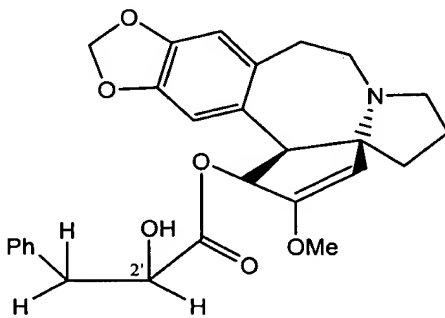
SPECIFICATION (continued)

In column 72, line 52, please replace "V hydrogenolysis" with --Via hydrogenolysis--;

In column 72, lines 54-63, please replace the following structure:



with



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UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

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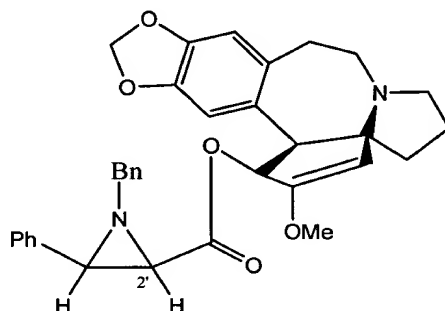
PATENT NO. : 6,831,180 *21*
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

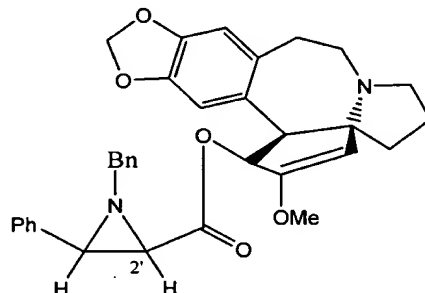
SPECIFICATION (continued)

In column 75, line 31, please replace "aziridine-carboxylate" with --aziridine-1-carboxylate--;

In column 75, lines 33-43, please replace the following structure:



with



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Page 28 of 38

PATENT NO. : 6,831,180 *BJ*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

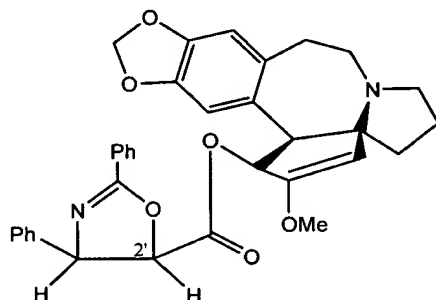
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

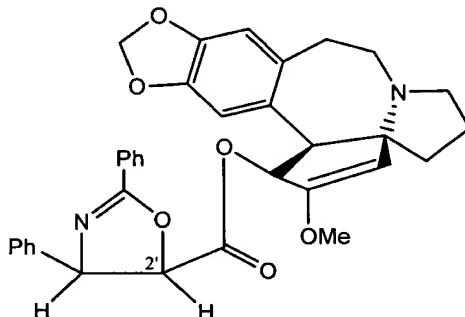
In column 75, line 66, please replace "6.63(1H, s, H-17');", with --6.63(1H, s, H-17*);--;

In column 76, lines 1-2, please replace "3.20 (2H, 2d, $J_{AB}=13.7$, $\underline{CHhd2Ph}$);", with --3.20 (2H, 2d, $J_{AB}=13.7$, $\underline{CH_2Ph}$);--;

In column 76, lines 23-33, please replace the following structure:



with



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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

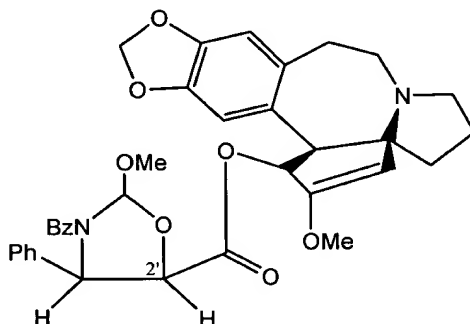
Page 29 of 38

PATENT NO. : 6,831,180 **B1**
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

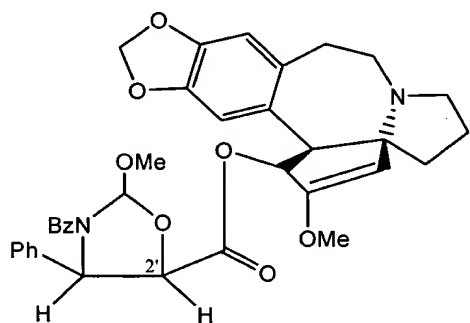
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 77, lines 18-28, please replace the following structure:



with



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Page 30 of 38

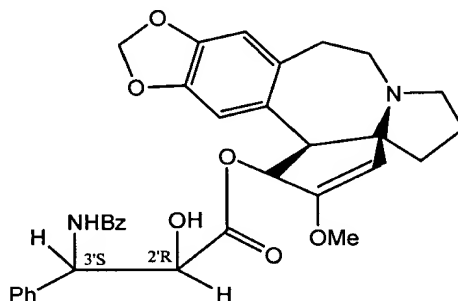
PATENT NO. : 6,831,180 *B1*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

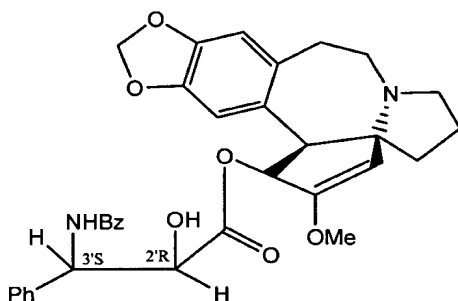
SPECIFICATION (continued)

In column 77, line 57, please replace "6.56(1H, s, H-17');", with -6.56(1H, s, H-17*);--;

In column 78, lines 6-14, please replace the following structure:



with



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Page 31 of 38

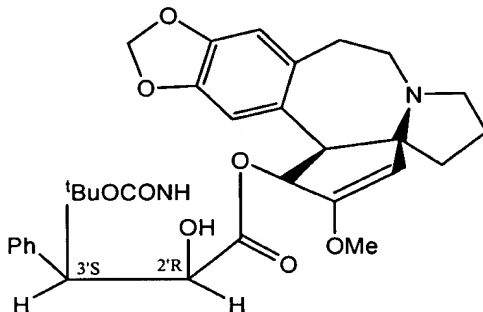
PATENT NO. : 6,831,180 *B1*
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

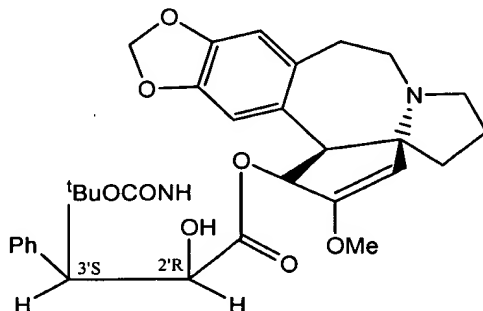
SPECIFICATION (continued)

In column 78, line 41, please replace "6.57(1H, s, H-14);" with --6.57(1H, s, H-14*);--;

In column 79, lines 9-18, please replace the following structure:



with



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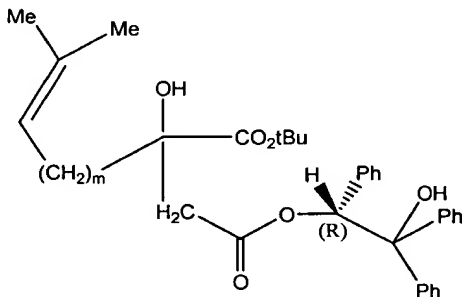
Page 32 of 38

PATENT NO. : 6,831,180 *01*
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

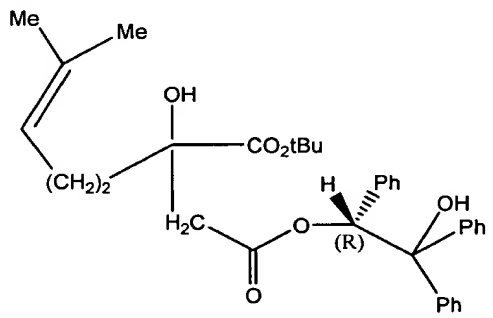
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 84, lines please replace the following structure:



with



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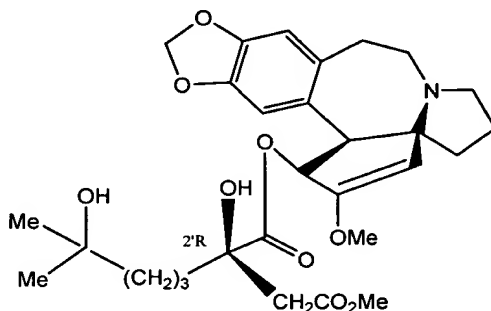
Page 33 of 38

PATENT NO. : 6,831,180 *131*
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

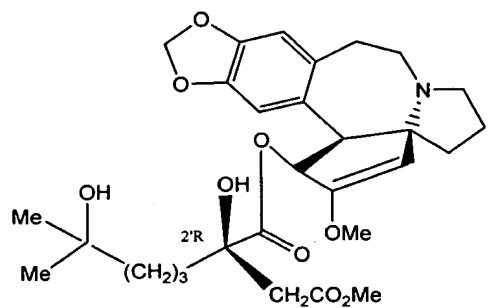
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SPECIFICATION (continued)

In column 86, lines 46-54, please replace the following structure:



with



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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 34 of 38

PATENT NO. : 6,831,180 *131*
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 87, in the table DESCRIPTION AND DEFINITION OF HARRINGTONINES, Examples of cephalotaxines, under Demethylcephalotaxine, 2d, please replace " $R^4 = OH$ " with $--R^3 = OH--$;

In column 87, in the table DESCRIPTION AND DEFINITION OF HARRINGTONINES, under Examples of cephalotaxines, please replace " $11\text{-Hydroxycephalotaxinone}, 2f = 2b + R^3 = OH$ " with $--11\text{-Hydroxycephalotaxinone}, 2f = 2b + R^4 = OH--$;

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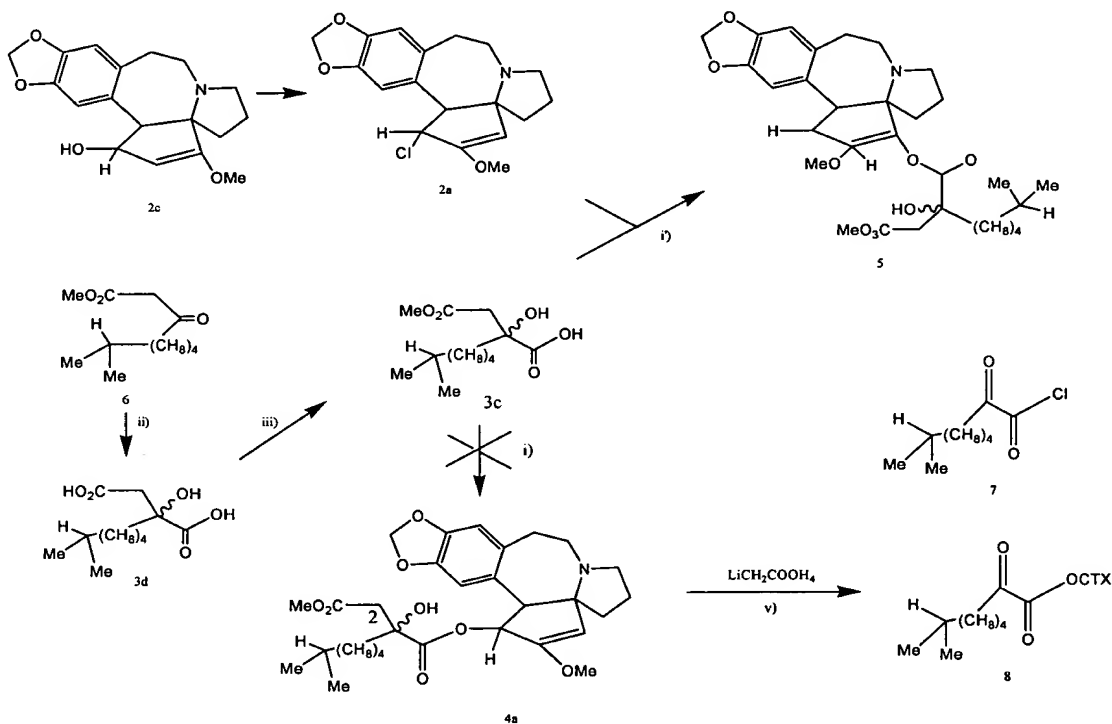
Page 35 of 38

PATENT NO. : 6,831,180 *BJ*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In columns 89-90, in the table DESCRIPTION AND DEFINITION OF HARRINGTONINES, please replace the following structures:



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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

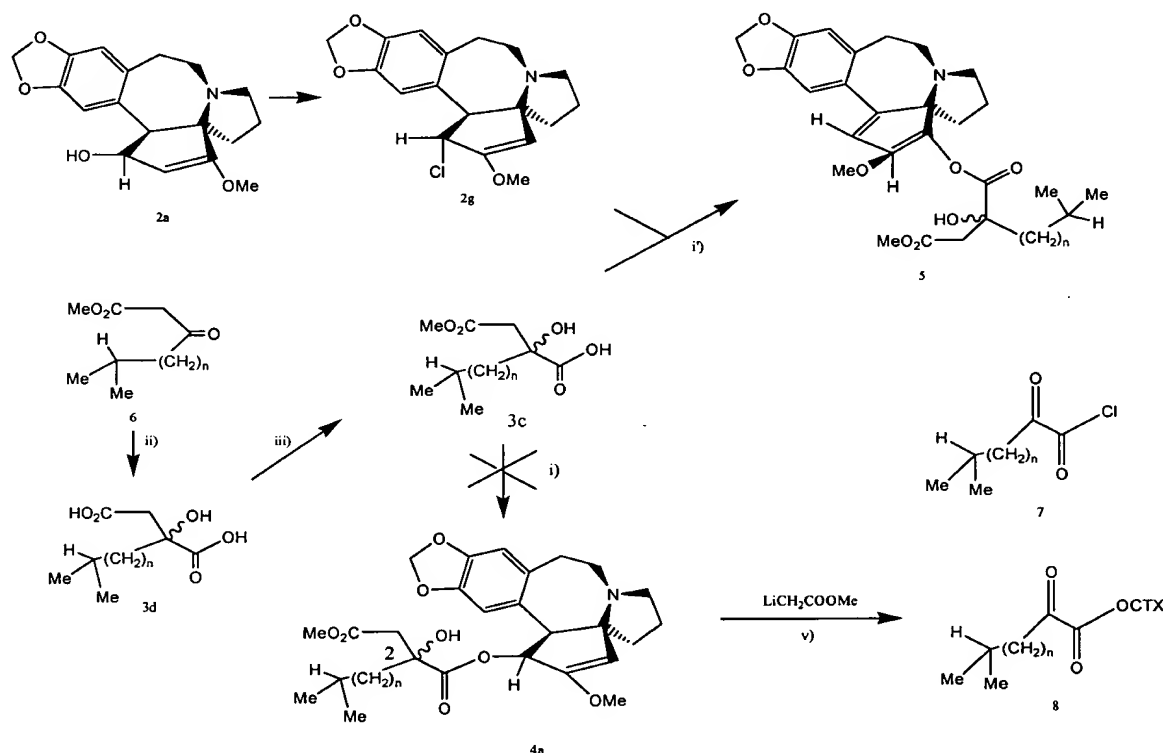
Page 36 of 38

PATENT NO. : 6,831,180 *B1*
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

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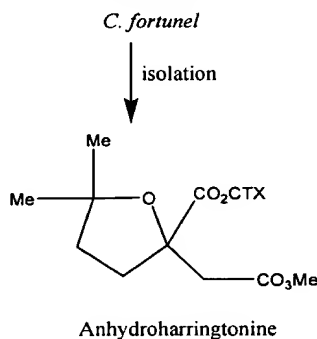
Page 37 of 38

PATENT NO. : 6,831,180 *bl*
 APPLICATION NO. : 09/270,006
 ISSUE DATE : December 14, 2004
 INVENTOR(S) : Jean-Pierre Robin et al.

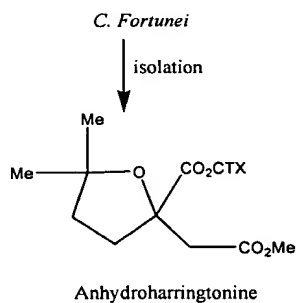
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SPECIFICATION (continued)

In column 89, in the table ORIGIN OF THE ANHYDROHARRINGTONINES, please replace:



with



MAILING ADDRESS OF SENDER (Please do not use customer number below):

BUCHANAN INGERSOLL PC

(including attorneys from Burns Doane Swecker & Mathis)

P.O. Box 1404

Alexandria, Virginia 22313-1404

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 38 of 38

PATENT NO. : 6,831,180 *B1*
APPLICATION NO. : 09/270,006
ISSUE DATE : December 14, 2004
INVENTOR(S) : Jean-Pierre Robin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

CLAIMS

In column 91, line 11, please delete the word "between";
In column 91, line 14, please replace "(—CH₂COOH₃)" with -- (—CH₂COOCH₃)--;
In column 91, line 19, please replace "(—CH₂COOH₃)" with -- (—CH₂COOCH₃)--.

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BUCHANAN INGERSOLL PC
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